Another comment is just make sure when you are uploading things if you have someone who is waiting to pull it down that you are communicating with them. When it is fully uploaded because otherwise the files could get corrupt. So when I was on [ Indiscernible ] will have twitter accounts with the type I with the type XII we had twitter accounts. When we posted something so we knew it was finished uploading. And that's all [ Indiscernible ] with the Iran who will sometimes ask for a draft parameter if you are not going to get your stuff uploaded by the time they needed. But you make it a temporary file and call it something and work with them. But they were deleted as soon as they pull it down.

Good point. So just like Vanessa said, you get request to post of the stuff up there. And just go and do is you are directed. With what is up there.

While you talking something else came to find. But it is gone already. [ laughter ]

Little CRS there.

[ laughter ]

Can't remember stuff -- that's right.

I will use that talk I will sit down so rich, thank you so much for the presentation. If you have any questions I guess the biggest watch out is make sure that you are posting your data -- I will cover a couple things if I can remember which presentation it is -- I think the next one where I talk a little bit more about that.

So to my transcriber on the posting requirements -- we are done with that session. If you want to go ahead and close out.

Thank you very much.

And do we have a transcriber on board for the next presentation on mobile mapping?

And if you could meet your phones for us -- we can hear a little bit of notaries -- noise to the phones. So it is*six And if you could meet your phones for us -- we can hear a little bit of notaries -- noise to the phones. So it is*62 new 10*six to any of. Thank you.

Okay. And we have the next person on talk so bear with me as I get my presentation up here. So next presentation where going into -- for my transcriber if you want to strip -- start transcribing. This is for the mobile mapping. Once again I am Lori Pahl Lewis which is the JSS 2015 international [ Indiscernible ] in California. I have a couple things I want to try to do during this mobile mapping but what I really want to try to hit was some issues associated with clearing up a little bit of the stuff. We have a lot of agent -- eight [ Indiscernible ] we got a letter comments back last night about how great it was. There is a lot of comments about how that will impact us in the field. How we will learn all the stuff. Harry -- that is part of life. You know it changes every year -- right -- holy cow. Does it.

But anyway -- what I want to do is just giving idea of the pilot that was actually conducted in 2014. And a lot of you wanted to join the pilot last year. I done a few member Aaron K manager does the live demo selector and stuff and we were totally jazzed about getting involved. I know for was out in the field pretty good to get folks involved as well. So what of the things that we're looking at is they had to do a review. And so this is [ Indiscernible ] Esther Constance and she heading up this -- and Tyler will be joining us on the next call here. So

I'm hoping that he will address the Internet issues because I think it is a key basic realm here is if we don't have Internet you don't have enough bandwidth and you don't have a protocol that can actually work with this technology. It will have a lot of issues that we will face. So a lot of people are recognizing this.

So this is the original pilot. This is what they put together. This is just presented to the board of directors not too long ago by Esther Bronson and Tyler. As to what happened within the pilot. You guys can read the stuff that is up there. The OTS is commercial office software basically is what they are using. That was identified.

So the objective associate with this -- you can read it. I will not read it for you pockets basically government tested. Do a prototype. See how works.

SSI can tell they only had one team that was really testing it to its full capacity. And so report is generated off that. A concern was getting it spread out to thin and not being able to gather information back. To what I observed over the year was a lot of people were getting involved in multiple different locations. One way or the other. Might caution was everybody was constantly telling you when you're posting, make sure you poster data -- follow the G standard Spartacus in trouble because you are worth working with something else but if you have an opportunity, yes go ahead of us are all within a given idea what is going on.

I think a lot of us combat with the impression that it's a lot of additional work. And it is a lot -- we should have another person on board. Next week I am presenting to the situation unit leaders. I am already working up a list of all these things that I will be telling them state in the watch out situations associated with the GISS and this is one of them is a get of the AGL.

So what they've done is a report is actually really good -- I am try to get approval to release the report out to everyone. I think it should be okay to do that. But I just want to final approval. These are some the tables that they put together as to what kind of groups and what kind of mapping elements they were going to do. They actually have a huge list inside this report that shows he will have editing capability. You will have approval. So they really have gone from a thought process associated with this pockets on something that they just live together all of a sudden and it doesn't have a lot of thought behind it.

And if they are trying to preach the idea that yeses to be huge impact incident.

So Steve is actually fairly doing it fairly well representation of what I think the issues are.

To these the various tables that they came up with the different types of where is it going to be used to how was he used. You can see where they have editable initial -- initially viewable, you can view it and etc. So they have covered a lot of us -- logic associated with this. Is little further down you have your tables and support maps. Medical grounds for unit leader communications. Bubble maps. Etc. And you will be able to see them and etc.

So they have gone for it if you're really good process associated with this. Like I said this is just producer just presented to the Board of Directors -- I think it was a couple weeks ago.

So the considerations that they came up with -- is [ Indiscernible ] we realize the GIS people are actually probably not up to speed on this thing. And there's a lot of us have been talking about not necessarily all that intuitive when you get into the web-based world. How to set this up. How to do that. Birding I talked at length in the back of the room about maybe putting together some webinars -- and I will talk about that in my next presentation. About proposed possible training. That sit leads -- sometimes they have problems understanding GIS and now we go to this web-based GIS which has all the [ Indiscernible ] yes I can see everything you're doing -- I have an iPad now. So I am sure they will glom onto this thing.

So the cautions and the red flags are all there.

How many mobile devices do you need out there in the field to be -- would be interesting because on the second one mobile devices must have access to enough devices. For a type I team they resume 40 to 50 devices.

Are we talking how many of those people are editing out there -- sending you information?

I can see there is an issue they are potentially brewing.

I heard Mel that there -- what?

Anyways. So I thought that was an interesting account. Know you have how many of you have iPads out there right now -- are you seeing 40 to 50 of them on your teams right now?

Is the kind of volume you see a lot of headshaking -- senescence of no. We do have them available contract. Was the people are bringing out their iPads -- other personal injury devices. Receivers in the field. The Princess another issue because especially the android world economic times he called me Kyle about I cannot get those to bed that your PDF to load to and enjoy. Night -- I don't have an android dude. I can't test it. So every friend in every person that I know in every ICN iPad you are android device -- can you love those GPS -- can -- and am trying to get them to test them. Just last week other teller found a document online that said it is the processor. So there's a problem with the [ Indiscernible ] not using of using ARM processor against in that android to the newer processor. They are researching that a little bit more with Heather. We will see if we come up with a tip sheet to let you know.

But that baby the problem with Andrew devices. Douglas got android devices up -- in here -- had received no problem?

Have you seen the problem with the ARM processors?

Only with Apple.

You have it go the other way.

In a work on android but -- so there's a lot of got use inside this whole mobile mapping stuff and issues. Sometimes it works here sometimes it works over there. And it's really bearable so I will get a call from Kyle going it's not working here and it's really hard to keep up. Is it the operating system on android -- is the that chipset -- is that this is about. Older iPads I work with a lot. So if you have an iPad problem, give me a holler. I'm happy to work through it with you. And that maybe if we can serve fleshing out a tip sheet -- as a team to how to handle it. Because as a lot of things cropping up in different places.

In minutes presentational tackle a bit more about how this year we did the aviation hazards maps went out to all the public. Every aviation as a for the horses -- in California where published online made available for the first time that's ever happened. And you would believe the number of phone calls I got about I can't load this. And it's his basic understand that I said that thing. Load that thing. Put it in there. They even -- was a -- was like to three weeks ago we had a person one class that told me flat out no you cannot copy a URL and put into a vendor and so yes you can -- regulation of it to them and he like oh I have internal market people the wrong stuff.

So yes we all learn different things from one another. That's why we do these meetings.

On the connectivity -- another big issue. Activations for non-INT members -- this the big deal.

For now inside the forest service, I have access to our TIS online. I can use our TIS Pro. How many of you are aware that you cannot run our TIS Pro unless you have a login to our TIS online?

Yes -- using it that -- did you -- in that whole discussion?

You have to have and you have to be a named user. To be able to use that.

You have to be basically within what they call on the premise. So that would be where you have the [ Indiscernible ] listed on the server in your system. Or a lot of people are using a hyper system. Last year Aaron talked about that a little bit in the ATO presentation how they were using a hybrid solution pocket was a BLM for service instance but it was on every machine. So it is stored on every server.

So you can necessarily feel like if you're storing all your stuff on edgier server last year especially when we did have an agreement in place, that your set with being protected.

Backup. Backup backup backup. User stuff that you have that you stop is there to protect you. Make sure you larger data sets up to the incident up to the [ Indiscernible ] site -- as we know that is changing.

But make sure you're following great policy on that pocket if you're messing around with AGL at -- is just realized that is over on every server -- D trust is 100%?

While we may or we may not. We just use the practices Univac stuff up.

Activation for nonmembers ashy this is a big key issue associated with the next step.

So they are developing workflows. I will encourage you strongly again I know Elizabeth& It's been a long time I. And she felt there was a lot of issues in their. And from a trainee perspective, she felt that there is a lot of concerns.

So I candidate did her to do shout outs.

So one of the things I'm encouraging you to do to let this defy you like the [ Indiscernible ] read it take a lot of looks at it and -- thanks James for helping us to get some of that stuff before it went public.

But at this point in time to actually look at the workflows and think about how they are going to impact you and your job and what you do to try to help implement this thing in -- that will go a long way.

Here trying to training at -- training is way behind -- I think they're even way behind in the workflows at this point time. If we are to try even partially limpid facilitation for 2015.

They want to improve [ Indiscernible ] analogy with AGL in the collector of stuff out there -- what are the components SEI when I read that stuff for you in the [ Indiscernible ] that you heard [ Indiscernible ] was being released and it would be mid-April release.

And that starts getting us into this level or we can support the EGP.

And actually have that UTP up and running.

With you learning the data and I will show you a slide what that looks like last year because I have editing access to that. So I can pull the data sets. Hakuba said data sets.

So happy campout when you're out there you're stuck the -- lipomas -- [ Indiscernible ] for the folks that were working on the fire doing great work on the change fire that was a huge issue with management in the office. Every morning. I'm uploading that you deem that your databases up to the EGP tool. So everybody knew in the morning meetings were [ Indiscernible ] progress in the near future like which was saying -- USO realize how

much of a -- maps are used when you get [ Indiscernible ] they have them up and down the hallway. They got another meeting rooms. The prioritizing which ones get the resources. Better their.

So it's a huge collaborative effort pocket getting your maps out on time and [ Indiscernible ] so they can grab them and pop them out is a huge effort pocket and I keep trying to get [ Indiscernible ] to try to rotate JSS and bring them in the other using a product -- confronts Lilongwe proxy runtime management the four service using is all the time and they one of my iPad.

They want them in the film there out there. They would very see the live data.

So that's where everything tends to be going.

Sum of final considerations -- we really need to have an account where all of you can have access to a GOL online. Where you can log into a. That will then enable you to use all GIS Pro.

Which you get that a GOL login it all? Together. Full Web services. Like a mention on the first day. Everything is fully integrated and integrated with one another.

So the problem is right now is that I have a U.S. Forest Service. But you over there Telfair cannot have a login.

Now I can make it public and I can make it [ Indiscernible ] rabbinic trainee to group my office to say no. We have governance. We have governance issues that we need to puppet that means that you still need to join somewhere else.

And that's okay for Cal fire but if you are BLM, BLM is not letting you guys even start using a GOL online. You guys are really early on the development.

And there's the same thing with some other agencies. Local agencies will pay the cost. Cost is expensive -- right it's pretty expensive system to get into.

So here's the proposal.

Into -- ferns breaded -- furtively came up with that is anywhere would just do it right [ Indiscernible ] when we have nifty supported use the internal [ Indiscernible ] infrastructure that we arty have -- the methodologies are already in place in Dubai's.

Well to me I'm sitting there saying well there is Mike Goc has the capability of even do a GIS -- and one that they will be using all these logins and all these other things associated with a GOL adding up all these things which are technical person needs to take on the job. Right now they don't have the stuff to handle that.

So we're looking at how maybe we can assist with something like that especially with region five. With North topics and subtopics.

So they are looking at 10 locations. Basically where we can actually share sodas about a few coming in the private citizen or federal employee that she can be named user on that system. And that we can transition between the teams. And like I mentioned out -- how we transition between teams on this stuff.

It's a huge issue and so if the [ Indiscernible ] is handling through the architecture, someday and this will be an awesome thing to do -- if the SATs I goes away we can wish our stuff onto the a GOL through the GACC and it's done.

Generate your own map. You journal map. Story map. Whatever is out there. We can maybe reduce your overhead. And maybe get a good nights sleep.

[ laughter ] reverie -- yeah right. She's laughing at me. I don't know.

The considered extensible piquancy to support issues popping into the problems associated with how we will head into the 20. I think they're pretty far behind in this process right now. But hey they are trying.

Public technologies -- resources. And I got rid of the blue link and I link the hyperlink here. So you can actually read it. Within the four service we have a huge group that's called them tag and that's a mobile GSA technology advisory group. They are now working very closely with the [ Indiscernible ] mobile group as well. The publication you're seeing -- if you're not a member of that wildfire lessons learned center, you're missing out on a lot of information.

It is starting -- we are starting to use a regular basis. I'm in a race that's enough in the GIS intermediate classier. Is my email list is going great. I have readably, email list but I'm starting to get into problems with certain niceties are blocking it because I am being labeled as spam. Semi-guys might think that is spam also.

Hate, tough.

-- Pay -- hey, tough.

Get a long cuppa coffee and read the emails. Because I try to put everything into one email and it goes through training. What is in the field. Where you get plotters from -- we get computers away conference are available such as like a state laundry list.

This is where I will start publishing a lot more information as you can see there is a lot of activity that is going on.

The entire reports are coming out on you know mobile stuff and Esther Godson is handling that. We have got technology elements that coming out. We have got probe by her sooner programs on nightlong and sleep because he is constantly producing another program Paco here's another [ Indiscernible ] and he is sharing things.

So I mentioned to Karl that maybe what we should do is split you off into your own group. Fecund like just do nothing and tools for Firefox

Limit the to generate some other folks that are developing tools also. Because as a couple other folks out there that are not quite as hopeless Karl is ensuring your stuff. But we may want to do that. Another one that I'm looking at is I would really like [ Indiscernible ] for you to really start AUA S1. Because are constantly getting UES questions inside of mobile one as well. So I'm looking at unmanned aerial system. You will see a lot more of that in fact we had to UAs here today.

Join us. Assumes a break for lunch will go out to a extent -- [ Indiscernible ] pictures didn't turn out real good -- [ Indiscernible - low volume ] [ laughter ]

Santos we have a lot of people are sharing things associated with Sam Limbaugh put together just as March information on what he likes for the different types of apps that are out there. We're seeing a lot of lists coming out for this app and that. Any put together whether apps and things like that. Whenever I see the stuff I grab it and I think it into that [ Indiscernible ] document -- folder on the hard drive. I am always learning that stuff in there. And if I find something I think is really resourceful to you or push it up on

When I have where the three people call me about a problem, and I know the android events are learning stuff has been an issue. Or [ Indiscernible ] loading. I am trained to write to sheets provide the Tucci that somebody else wrote. That stuff always get stuck in there.

C with a lot of this asserts the hard drive if you are running into problems at first.

Another thing to watch for -- we have had a lot of issues with other groups getting into this. This was just last week. Michelle was working with the air attack folks. And Pat the Pat -- [ Indiscernible ] -- he just recently retired. But he is the geek of geeks and we just really get a kick out of him because look what I can do with my iPad and you look into in the trading session and he's got three project is going. He is gotten overhead showing what questions pushing on his iPad. And he is teaching the air attack -- hotties iPads.

This year formal class.

With two GIS people sitting in the back of the room. And Michelle was one of them. And they are basically demonstrating to delete that this is what we will do. This is a low. This is you maps of pompous type of things in. And then you email them. Over to the other guy that played right there. These guys all [ Indiscernible ] [ Indiscernible - low volume ] there's a good reason for that -- right --

Anyway so they are putting that stuff together they are sharing it with one another. They are doing their routes for their flight patterns. Me do Pella drops. Drop pods they are doing everything inside of it. The problem is -- that they don't have [ Indiscernible ] that we have. So they are coming up with another standard. I think Michelle you want to comment a little bit about what you saw on that -- you've got like coming up here.

But yet what we notice is that we got to sit in a watch that working on this stuff. And Michelle go-ahead give a little run down what you guys are doing.

So basically they just had Heather Taylor and I there to show them the closure loop in the whole process. So they are creating these maps. Then they ask us [ Indiscernible ] two GIS on the team which is great because we got to educate them a little bit on what you guys need. And what we need to see from them. So we're trying to work with them. To standardize that [ Indiscernible ]. And there's just a lot of headbutting and they don't understand your guises job -- and they don't feel you guys understand their needs and the fire. So it was great to be present at the training give them a little bit of idea into what goes on behind the scenes in their sitting there were all sitting there thinking American get the [ Indiscernible ] and map. And a lot of times the pilots have a lot of big ideas that -- like they like the TFR symbol that came up to use other symbols for years and years and years. So easier talks are working with that. But one big thing is they want to introduce a lot more symbols into it. There's a lot of things like checkpoints and initial points of helicopter routes. And take a routes that aren't in this symbology at. So they want to be a introduce that in their and gets up an organization.

For the use. I don't know what else.

Similar things they sought is a give us a laundry list of symbols. They wanted us to start working on integrating the simple because it just a pet that she doesn't happen that everybody is a defensible set other iPads or other devices.

And we will help them standardize that and what did you stop and aviation and FAA technology produce symbology because of the main with that they were really interested in.

The other thing that I was talking around with -- because the Council have problems with getting aviation hazards in place -- and they see them out there. And then they come back and it's like there are all these every niche -- aviation hazards out there and I'm like work any method for me especially now that you have them on iPad all carefully have a pretty close -- that's good enough for me.

By looking at methodologies and how we collect that.

So as your thinking suppression of some of those other things, we may be getting some of the data coming back for aviation hazards and if we can figure out how to get those lips because it would be nice to have one comprehensive.

The thing is how they maintaining retaining the information. Of a doing that -- do you know?

Yes Pat has as many years as he has had a knife had he's had [ Indiscernible ] for that. May have data backed up the gist of the either things.

Along with witches -- -- riches last presentation. It does go a lot further. These guys post about SBT site every single day.

So again on that resolution, they are playing this maps off to use on the iPad every single day. They are teaching all the new era tax coming in. Cal fire. For service. Whatever. They are saying you needed to do your job.

This is how you pull it off the FTC site. Soap Vanessa was saying -- these are the KM else. They use those every single day. So when they are not getting those, I hear about it. Everybody hears about it. They are like why are they putting the step up? So I have been trying to instruct them to go back to the air operations to note to the unit leaders to say hey -- can we get these [ Indiscernible ] everyday. Can we get these. And another thing without is I went everything application and iPod -- iPad or android device. That has different conflicts. So we have run into a lot of problems with dropping points map expensing and things like that. So it's out there people using it.

ESM Pat told me the one thing that really annoys him is you guys do great time resolution mapping arena fire but they flight aftermath on a regular basis. So he keeps telling me -- can you give me a map that drop like Google -- dude we have so many other things that can help you.

Said Lester to try to make meth map backdrop that had all the types of maps on there for the entire state. So I was doing inside the map and putting it -- bring in I padded resume and it's too blurry saiga high-resolution high-resolution. My maps that I finally came up with -- my method finally came up with when he flew off to anywhere in the state that were prohibited Appian three 5' x 30'. And it was so big, that it didn't fit onto my iPad either wait -- so at this point it's like dude we need to look at map tiling options better yet what about this a GOL selector thing.

And maybe start moving them into that.

So now we're sorry to be a huge challenge their. We are getting on this training going on. And how we now think about transitioning them to another tool that they -- they really seem to like the tool.

Go-ahead.

Are just imagine that on our team before the end of one incident I think it was two years ago Exley sat down [ Indiscernible ] and air packet went through some of the exporting compression session -- settings because they were having some issues when [ Indiscernible ] when they zoom in and also [ Indiscernible ] because they were a little overwhelmed by inset. They were curious. It does show the little dot talk and that inset maps.

On the main map. And then also on inset map. So once they understood that, but we had to sit down and work with them then we had thicken email chain about the map got [ Indiscernible ] and they would send the stuff back.

So it was -- some of it was pretty keen in personality specific unfortunately.

And there's a lot of older air tech guy that won the thing to do technology. If it doesn't work rate using it.

So there's some diversity of their.

I have about five more minutes. Tyler you on the phone?

Checking to see if Tyler has come in.

Yes Lori, I am here.

Perfect. I will wrap up with a little bit of ECP and then we will transition over to you.

This is running off the iPad yesterday you saw Andrew. And Jill doing presentation on EGP -- we did not get into a lot of live demo. Again I will put together a training document the guys have access to this and then a bunch of vocal training as well.

But this is a new layout. I know yesterday was a first time I was in it for a while. So I can actually go in and change might use inside of your. A little pullout. Till Davey did a great job on this one. Would you?

Very nice.

We can actually see what's on and off by looking at the little orange bars even a tap of the little orange barkers when it comes back up. It is a little delay Lake in refreshing here. But you can see the different types of imagery. I can go in and load up like Joe was doing online. And bring in the typo map is the Mac I can zoom into the area. [ Indiscernible ] by default is loaded.

And when you first log into it it gives you the option to switch between different types of views. I'm fighting the problems of the different types of views. But that's okay.

Here's where you can add it came out. Once again very important. And it's one of the things that we don't normally make came else. Height have love-hate relationships with KM else -- can you put ETA came else -- you don't know what it takes to put ETA into a came out. You have a huge polygon may have a splitting [ Indiscernible ] to get it to exporting to came out. Sometimes you flat out what exported all.

The really big data sets are not logical. So the hope is that instead of using came else I can the data and our GIS online because we have a for service capability. If I publish it to the public, you should be able to pick it up at the server.

Right?

And Eusebio to accept services inside of your. I am not sure yet if this is some services directly. I think I asked the question and they are planning on.

Quite yet. Is what we are being told.

But that is something that is a huge issue in the future. Even with [ Indiscernible ] that division support system should be able to accept services as well. So we are not still typing code it stayed around here is the authoritative insert -- source of the data in the pursuant to grab the source from them at data from them. And of course the above service that [ Indiscernible ] is dating -- here's reuniting the Cavaliers the web. Yours have a

variety of tools we can go in and search for current locations. You can search for incidents. So you can do different incidents searching by name documenting that's completely.

And then you can go in and do changes inside of your.

Let me see if I can pop back of this for second.

And we will fire it up again.

Because my first company gives you the multiple views.

Lori.

Go-ahead. We are not seeing what you're showing us.

Oh it is -- yeah it's because I'm doing it on the iPad. Online. And I can't share it.

Let me think here.: The second. I apologize for that. I just jumped into doing this year we tried to -- to Ottavio. I know we don't have too much time but go ahead and set it up maybe in a little bit here.

Now I just make you CSIC.

Now it hears [ Indiscernible ] I don't have a hand to run it.

If you can login to EGP.

Nevermind. I just found another Mike that I can use. Sorry I am making you see stick -- CSIC. And is trying to stabilize it.

[ Indiscernible - low volume ]

Anyway so the different types of views --. Can get the popout coming.

-- CSIC -- seasick.

When you turn things on and off the interest of the button and then you can see how it is actually displaying.

That is just a really quick demo. I know I only have a couple more minutes and I want to transition over to Tyler.

For what I'm going to try to do is set up for another -- maybe do a mobile presentation or talk with Jill and Andrew about maybe doing another set of presentations on how to use EGP on the iPad.

It is fully HTML compliant. Okay. So the next plan is to have [ Indiscernible ] which will start first and Tyler will come in after Rich.

Are you ready? Come on up.

So anyways. Is a quick overview of what we are doing for mobile. There's a lot of mobile activities out in the field right now. As you hear of more, I rely on what I hear from you guys. If you say hate Eric is doing such such is find out more about it, I am more than happy to do that. Because I have all the Aerotech folks in the context here for four service. And you can reach out other multiple agencies as well. So I do rely on what you

guys phoebe is information to be back to you. What is going on. Safir running into problems and come up with a watch out situation, or other issues associated with pay I am seeing this thing. And it is just adding lots of work on. Because I think Heather's first response to Bosch was like it out of my trailer. I am too busy.

And pork had been persistent and being Pat -- kept going back and going back Burbach. Finally had a creditor Drennan said yes I can do this. Is a simple. Or I can do this for you. So pack kind of got a lead in with the GIS is. So the expectation goes at another fires and will be able to do that with all of us.

And trying to make she does have a heads up so you are familiar with some of these are looking for. And the reason why they're getting upset because they do not see AML.

But have a go through and use your appropriate management. User protocol.

And if you're running into problems give me a holler.

Because I'm here to help you.

And with that, for my transcriber, we will close out of the mobile mapping section.

[ Event concluded ]